

**22883**

APPLICANT Luis Valente

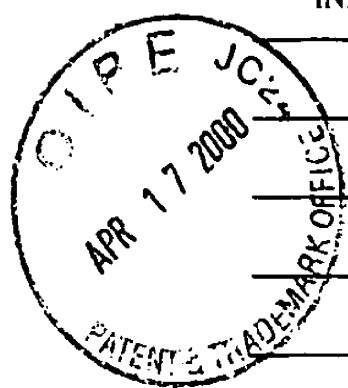
FILING DATE 6/11/99

GROUP ~~2766~~ 2700**RECEIVED**

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--------------------|-------------------|-----------------|-------|-----------|
| <i>RL</i> | A | 5,224,163 | June 29, 1993 | Gasser, et al. | 380 | 30 |
| | B | 5,852,665 | December 22, 1998 | Gressel, et al. | 380 | 30 |
| | C | 5,784,463 | July 21, 1998 | Chen, et al. | 380 | 21 |
| | D | 5,796,841 | August 18, 1998 | Cordery, et al. | 380 | 55 |
| | E | 5,373,561 | December 13, 1994 | Haber, et al. | 380 | 49 |
| | F | 5,642,419 | June 24, 1997 | Rosen | 380 | 23 |
| | G | 5,621,797 | April 15, 1997 | Rosen | 380 | 24 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



APR 18 2000

Group 2700

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | TRANSLATION | |
|--|--|--------------------|------|---------|------|-------|--------------|-------------|----|
| | | | | | | | | YES | NO |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|--|--|
| | | |
| | | |
| | | |

EXAMINER

Paul Callahan

DATE CONSIDERED

12/14/02

APPLICANT Luis VALENTE

FILING DATE 6/11/99

GROUP ~~Not Assigned~~ 2132 67

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--------------------|---------|---------------|-------|-----------|
| PC | A | 5,680,458 | 10/1997 | Spelman et al | 713 | 277 |
| | B | 5,754,939 | 05/1998 | Hertz et al | 455 | 4.2 |
| | C | 6,009,363 | 12/1999 | Beckert et al | 701 | 32 |
| | D | 6,018,768 | 01/2000 | Ullman et al | 709 | 218 |
| | E | 6,047,269 | 04/2000 | Biffar | 705 | 39 |
| | F | 6,049,835 | 04/2000 | Gagnon | 709 | 245 |
| ✓ | G | 6,104,727 | 08/2000 | Moura et al | 370 | 468 |

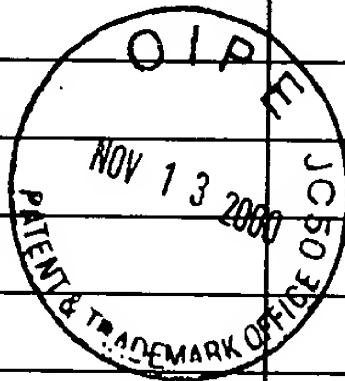
RECEIVED

NOV 15 2000

Technology Center 2100

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | TRANSLATION | |
|--|--|--------------------|------|---------|------|-------|--------------|-------------|----|
| | | | | | | | | YES | NO |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

Paul Callahan

DATE CONSIDERED

12/14/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

OCT 27 1999

| | | | |
|-----------------------|---------------|--------------------|----------|
| Examiner Signature | Paul Callahan | Date Considered | 12/14/02 |
|-----------------------|---------------|--------------------|----------|

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

ns are required to res

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

Sheet 1 of 1

| | |
|-------------------------------|-------------------------|
| Application Number | 09/330,274 |
| Filing Date | June 11, 1999 |
| First Named Inventor | Luis VALENTE |
| Group Art Unit | Not Assigned |
| Examiner Name | Not Assigned |
| Attorney Docket Number | NCI-061 |

[illegible][illegible]

Examiner
Signature

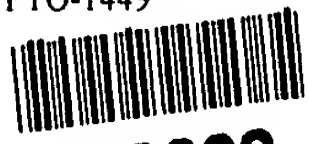
Paul Callahan

| | |
|------------|--|
| Date | |
| Considered | |

12/14/02

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**22883**

APPLICANT Luis Valente, et al.

FILING DATE 06/11/99

2766

2132

RECEIVED

PATENT TRADEMARK OFFICE
REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

JUN 05 2000

JUN 7 2000

GROUP 2700

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|---------------------|---|--------------------|---------------|------------------|-------|-----------|
| PC | A | 5,541,638 | July 30, 1996 | Story | 348 | 7 |
| PC | B | 5,870,765 | Feb. 9, 1999 | Bauer, et al. | 707 | 203 |
| PC | C | 6,028,583 | Feb. 22, 2000 | Hamburg | 345 | 112 |
| PC | D | 5,877,741 | Mar. 2, 1999 | Chee, et al. | 345 | 113 |
| PC | E | 5,874,967 | Feb. 23, 1999 | West, et al. | 345 | 435 |
| PC | F | 6,005,574 | Dec. 21, 1999 | Herrod | 345 | 344 |
| PC | G | 5,977,960 | Nov. 2, 1999 | Nally, et al. | 345 | 191 |
| PC | H | 5,936,606 | Aug. 10, 1999 | Lie | 345 | 113 |
| PC | I | 5,850,232 | Dec. 15, 1998 | Engstrom, et al. | 345 | 511 |
| PC | J | 5,497,422 | Mar. 5, 1996 | Tysen, et al. | 380 | 25 |
| PC | K | 5,787,172 | Jul. 28, 1998 | Arnold | 380 | 21 |
| PC | L | 5,761,306 | Jun. 2, 1998 | Lewis | 380 | 21 |
| PC | M | 5,796,840 | Aug. 18, 1998 | Davis | 380 | 50 |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS | TRANSLATION | |
|--|--|--------------------|------|---------|------|-------|--------------|-------------|----|
| | | | | | | | | YES | NO |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | |
|----|--|
| PC | Bussey H E Et Al: "Service Architecture, Prototype Description, And Network Implications Of A Personalized Information Grazing Service" Multiple Facets Of Integration, San Francisco, June 3-7, 1990 Institute Of Electrical And Electronic Engineers, pgs 1046-1053, XP000164339 see whole document |
| PC | Wyle M F: "A Wide Area Network Information Filter" Proceedings International Conference Artificial Intelligence On Wall Street, 9 Oct. 1991, pgs 10-15, XP000534152 see the whole document |
| PC | Lang K: "NewsWeeder: learning to filter netnews" Machine Learning. Proceedings Of The Twelfth International Conference On Machine Learning, Tahoe City, CA, USA, 9-12 July 1995, San Francisco, CA, USA, Morgan Kaufmann Publishers, USA, pgs 331-339, XP002046557 see the whole document |

EXAMINER

Paul Lellahan

DATE CONSIDERED

12/14/02

| | | | | |
|---------------|------------------|----------------------|------------|------------|
| FORM PTO-1449 | ATTY. DOCKET NO. | NCI-061 | Serial no. | 09/330,274 |
| | APPLICANT | Luis Valente, et al. | | |
| | FILING DATE | 06/11/99 | 2766 | 2132 |

REC-7

RECEIVED

~~JUN - 7 2000~~

~~GROUP 2700~~

| REFERENCE DESIGNATION | U.S. PATENT DOCUMENTS |
|-----------------------|-----------------------|
| 1 | U.S. Pat. 2,800,000 |
| 2 | U.S. Pat. 2,800,000 |
| 3 | U.S. Pat. 2,800,000 |
| 4 | U.S. Pat. 2,800,000 |
| 5 | U.S. Pat. 2,800,000 |
| 6 | U.S. Pat. 2,800,000 |
| 7 | U.S. Pat. 2,800,000 |
| 8 | U.S. Pat. 2,800,000 |
| 9 | U.S. Pat. 2,800,000 |
| 10 | U.S. Pat. 2,800,000 |
| 11 | U.S. Pat. 2,800,000 |
| 12 | U.S. Pat. 2,800,000 |
| 13 | U.S. Pat. 2,800,000 |
| 14 | U.S. Pat. 2,800,000 |
| 15 | U.S. Pat. 2,800,000 |
| 16 | U.S. Pat. 2,800,000 |
| 17 | U.S. Pat. 2,800,000 |
| 18 | U.S. Pat. 2,800,000 |
| 19 | U.S. Pat. 2,800,000 |
| 20 | U.S. Pat. 2,800,000 |
| 21 | U.S. Pat. 2,800,000 |
| 22 | U.S. Pat. 2,800,000 |
| 23 | U.S. Pat. 2,800,000 |
| 24 | U.S. Pat. 2,800,000 |
| 25 | U.S. Pat. 2,800,000 |
| 26 | U.S. Pat. 2,800,000 |
| 27 | U.S. Pat. 2,800,000 |
| 28 | U.S. Pat. 2,800,000 |
| 29 | U.S. Pat. 2,800,000 |
| 30 | U.S. Pat. 2,800,000 |
| 31 | U.S. Pat. 2,800,000 |
| 32 | U.S. Pat. 2,800,000 |
| 33 | U.S. Pat. 2,800,000 |
| 34 | U.S. Pat. 2,800,000 |
| 35 | U.S. Pat. 2,800,000 |
| 36 | U.S. Pat. 2,800,000 |
| 37 | U.S. Pat. 2,800,000 |
| 38 | U.S. Pat. 2,800,000 |
| 39 | U.S. Pat. 2,800,000 |
| 40 | U.S. Pat. 2,800,000 |
| 41 | U.S. Pat. 2,800,000 |
| 42 | U.S. Pat. 2,800,000 |
| 43 | U.S. Pat. 2,800,000 |
| 44 | U.S. Pat. 2,800,000 |
| 45 | U.S. Pat. 2,800,000 |
| 46 | U.S. Pat. 2,800,000 |
| 47 | U.S. Pat. 2,800,000 |
| 48 | U.S. Pat. 2,800,000 |
| 49 | U.S. Pat. 2,800,000 |
| 50 | U.S. Pat. 2,800,000 |
| 51 | U.S. Pat. 2,800,000 |
| 52 | U.S. Pat. 2,800,000 |
| 53 | U.S. Pat. 2,800,000 |
| 54 | U.S. Pat. 2,800,000 |
| 55 | U.S. Pat. 2,800,000 |
| 56 | U.S. Pat. 2,800,000 |
| 57 | U.S. Pat. 2,800,000 |
| 58 | U.S. Pat. 2,800,000 |
| 59 | U.S. Pat. 2,800,000 |
| 60 | U.S. Pat. 2,800,000 |
| 61 | U.S. Pat. 2,800,000 |
| 62 | U.S. Pat. 2,800,000 |
| 63 | U.S. Pat. 2,800,000 |
| 64 | U.S. Pat. 2,800,000 |
| 65 | U.S. Pat. 2,800,000 |
| 66 | U.S. Pat. 2,800,000 |
| 67 | U.S. Pat. 2,800,000 |
| 68 | U.S. Pat. 2,800,000 |
| 69 | U.S. Pat. 2,800,000 |
| 70 | U.S. Pat. 2,800,000 |
| 71 | U.S. Pat. 2,800,000 |
| 72 | U.S. Pat. 2,800,000 |
| 73 | U.S. Pat. 2,800,000 |
| 74 | U.S. Pat. 2,800,000 |
| 75 | U.S. Pat. 2,800,000 |
| 76 | U.S. Pat. 2,800,000 |
| 77 | U.S. Pat. 2,800,000 |
| 78 | U.S. Pat. 2,800,000 |
| 79 | U.S. Pat. 2,800,000 |
| 80 | U.S. Pat. 2,800,000 |
| 81 | U.S. Pat. 2,800,000 |
| 82 | U.S. Pat. 2,800,000 |
| 83 | U.S. Pat. 2,800,000 |
| 84 | U.S. Pat. 2,800,000 |
| 85 | U.S. Pat. 2,800,000 |
| 86 | U.S. Pat. 2,800,000 |
| 87 | U.S. Pat. 2,800,000 |
| 88 | U.S. Pat. 2,800,000 |
| 89 | U.S. Pat. 2,800,000 |
| 90 | U.S. Pat. 2,800,000 |
| 91 | U.S. Pat. 2,800,000 |
| 92 | U.S. Pat. 2,800,000 |
| 93 | U.S. Pat. 2,800,000 |
| 94 | U.S. Pat. 2,800,000 |
| 95 | U.S. Pat. 2,800,000 |
| 96 | U.S. Pat. 2,800,000 |
| 97 | U.S. Pat. 2,800,000 |
| 98 | U.S. Pat. 2,800,000 |
| 99 | U.S. Pat. 2,800,000 |
| 100 | U.S. Pat. 2,800,000 |

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

| | |
|----|---|
| PC | Rosenfeld L B, et al: "Automated Filtering Of Internet Postings" Online, vol.18, no.3, May 1994, pgs 27-30, XP000616769 see the whole document |
| PC | Yan T W, et al: "Sift -A Tool For Wide-Area Information Dissemination" Usenix Technical Conference, 16January 1995, pgs 177-186, XP000617276 see the whole document |
| | |

EXAMINER

DATE CONSIDERED